Intelligent digital surveillance system

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Abstract of **TW436745**

The present invention reveals an intelligent digital surveillance system which includes a digital image and voice frequency server, and at least a terminal device, each terminal device is connected to the digital image and voic frequency server and a client computer at a remote node through a TCP/IP network, the terminal device has a corresponding node address and includes: a device to collect video and voice information which can be access from the computer at the remote node; an index processing device to index the information of the collecting dev specific parameters, wherein the specific parameters includes the node address (the title of node) and timing information; a data storage device to store the information outputted from the index processing device, and a co signal related to those data for the computer at the remote node to show the voice frequency and video informa preset format; an action process means to transmit the information stored in the data storage device to the digit: image and voice frequency server at the remote node through the TCP/IP network, and output the control signa the computer at the remote node to the collecting device to control the transmission and receiving of the video a voice information to the indexing device to control the operation of the indexing device; and a TCP/IP network protocol transforming device to transform the data between the computer at the remote node and the surveillan device, and to receive the TCP/IP transmission signal from the computer at the remote node addressed at the surveillance device through the TCP/IP network, and transform the transmission signal from the collecting devic the data storage device into the data stream of TCP/IP format.